

Converting Colors

YIQ(168.4310, 1.0050, 20.3410)

Have a look what the booklet for
YIQ(168.4310, 1.0050, 20.3410)
contains.

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Color

**YIQ(168.4310, 1.0050,
20.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	B69BCA
RGB	182, 155, 202
RGB Percent	71%, 61%, 79%
CMY	0.2862, 0.3922, 0.2079
CMYK	0.10, 0.23, 0.00, 0.21
HSL	275°, 31%, 70%
HSV	275°, 23%, 79%
XYZ	41.6762, 37.6508, 60.9427
YIQ	168.4310, 1.0050, 20.3410

Conversions

Conversions Part 2

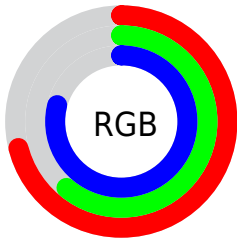
Format	Color
RYB	182, 155, 202
Decimal	11967434
CIELab	67.76, 18.81, -20.40
CIELCh	68, 27.753, 312.674
Yxy	37.6508, 0.2971, 0.2684
Android (android.graphics.Color)	4290157514 (0xFFB69BCA)
YUV	168.4310, 16.5495, 11.9000
Hunter-Lab	61.3603, 13.8577, -15.9344

Details

The YIQ color **168.4310, 1.0050, 20.3410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.5690, -1.0050, -20.3410**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.5020, 2.2430, 19.9310**, and **116.4910, 0.7760, 18.9840** is the 20% darker color. If you saturate the color by 10%, you get **154.0000, 1.1410, 28.8930**, and if you desaturate by 10%, it is **182.8620, 0.8690, 11.7890**.

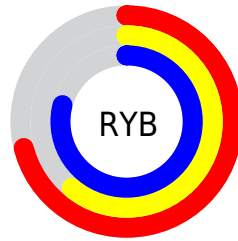
Distribution



Red (71%)

Green (61%)

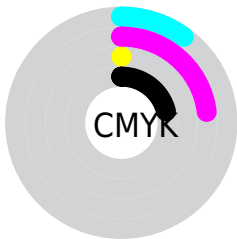
Blue (79%)



Red (71%)

Yellow (61%)

Blue (79%)

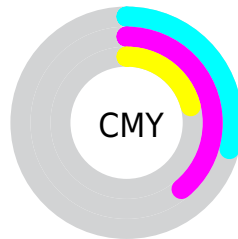


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.4310, 1.0050, 20.3410 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 168.4310, 1.0050, 20.3410 by changing the saturation by 10% instead.

■ 168.4310, 1.0050,
20.3410

■ 168.4310, 1.0050,
20.3410

255.0000, -0.0000,
-0.0000

■ 142.0180, 0.7300,
19.8180

■ 223.5020, 2.2430,
19.9310

■ 116.4910, 0.7760,
18.9840

■ 245.0210, 4.6750,
8.8910

■ 91.0780, 0.5010,
18.4610

■ 67.5510, 0.5470,
17.6270

■ 44.7250, -0.0030,
16.5810

■ 23.7850, -0.2320,
15.2240

■ 4.8010, -6.3290,

10.0790

■ 0.0000, 0.0000,
0.0000

■ 168.4310, 1.0050,
20.3410

■ 168.4310, 1.0050,
20.3410

■ 154.0000, 1.1410,
28.8930

■ 182.8620, 0.8690,
11.7890

■ 139.8680, 1.8730,
37.6570

■ 196.9940, 0.1370,
3.0250

■ 124.8500, 2.2840,
46.7320

■ 212.0120, -0.2740,
-6.0500

■ 110.7180, 3.0160,
55.4960

■ 226.1440, -1.0060,
-14.8140

■ 96.2870, 3.1520,
64.0480

■ 239.9880, -0.8670,
-22.8430

82.1550, 3.8840,
72.8120

242.6790, 4.4970,
-20.9350

67.7240, 4.0200,
81.3640

245.0710, 9.2650,
-19.2390

57.7120, 4.2940,
87.4140

247.7620, 14.6290,
-17.3310

248.9580, 17.0130,
-16.4830

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9160, -25.5860, 12.1580



168.4310, 1.0050, 20.3410



169.1040, 23.9750, 22.5590

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.4310, 1.0050, 20.3410



165.3890, 35.2130, -4.9070



152.5310, -50.5680, -19.6880

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



168.4310, 1.0050, 20.3410



188.5690, -1.0050, -20.3410

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



155.8570, -28.2390, -22.3750



168.4310, 1.0050, 20.3410



162.6810, 19.3510, -14.8010

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168.4310, 1.0050, 20.3410



166.7740, 41.8590, 6.8110



159.7860, -3.1140, -20.6660



153.0820, -59.1890, -12.1250

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.4310, 1.0050, 20.3410



168.9710, 34.4750, 19.4910



159.7860, -3.1140, -20.6660



153.7120, -43.8280, -20.6920

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



168.4310, 1.0050, 20.3410



242.0420, 0.1820, 7.7180



172.0980, -20.5870, 4.1570



120.0480, 0.0450, 4.6930



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168.4310, 1.0050, 20.3410



204.3530, 1.6450, 30.7730



174.0690, 13.8880, 23.6480



94.9340, 0.3660, 4.3820



47.3290, 3.3340, 71.7660



10.9100, 0.9140, 16.4820

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



171.3330, 21.5920, 16.1840



208.6490, 32.6860, 24.3820



182.9310, -13.8880, -23.6480



95.4460, 4.6760, 3.3640



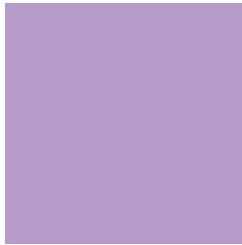
57.6140, 76.4660, 56.9620



13.1860, 17.5120, 13.0320

Previews

White Background



This preview shows how the YIQ color 168.4310, 1.0050, 20.3410 looks on a white background.

Color Contrast Check

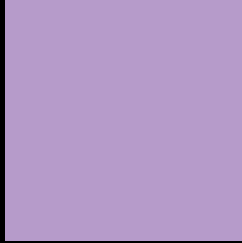
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 168.4310, 1.0050, 20.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.4310, 1.0050, 20.3410

Background



This preview shows how black text looks on a background with the YIQ color 168.4310, 1.0050, 20.3410.



This preview shows how white text looks on a background with the YIQ color 168.4310, 1.0050,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

168.4310, 1.0050, 20.3410

Protanopia

165.4390, -19.8090, 12.0870

Deuteranopia

167.0440, -11.3270, 12.5530



Tritanopia

166.5650, 5.9590, 7.6470

Trichromacy



Original Color

168.4310, 1.0050, 20.3410

Protanomaly

166.4400, -12.3820, 15.1540

Deuteranomaly

167.3760, -6.3300, 15.6060

Tritanomaly

167.2430, 4.1700, 12.5380

Monochromacy



Original Color

168.4310, 1.0050, 20.3410

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4310, 1.0050, 20.3410 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 155, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 155, 202) }
```

Border

The CSS property to change the border of an element to YIQ 168.4310, 1.0050, 20.3410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 155, 202) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(182, 155, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(182, 155, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 155,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 168.4310, 1.0050, 20.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 155, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
155, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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